| POSITION                  | INITIALS | ID NO. | DATE    |
|---------------------------|----------|--------|---------|
|                           | <u> </u> |        | ///     |
| FEE DETERMINATION         |          | 66621  | 9/4     |
| O.I.P.E. CLASSIFIER       | ·        | 43     | 4/12/00 |
| FORMALITY REVIEW          |          | 1 70   | 2/1-61  |
| RESPONSE FORMALITY REVIEW |          | £150   |         |
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## INDEX OF CLAIMS

| Rejected                                       | N Non-elected |
|--|---------------|
| = Allowed                                      | IInterference |
| <ul> <li>(Through numeral) Canceled</li> </ul> | A Appeal      |
| → Restricted                                   | O Objected    |

| ÷     |  |          |                |          |                           |            |           |          |              |  |                  |           |          |          |               |          | Objected |                 |          |          |          |          |          |  |          |          |          |          |               |           |        |          |           |          |   |
|-------|--|----------|----------------|----------|---------------------------|------------|-----------|----------|--------------|--|------------------|-----------|----------|----------|---------------|----------|----------|-----------------|----------|----------|----------|----------|----------|--|----------|----------|----------|----------|---------------|-----------|--------|----------|-----------|----------|---|
| ſ     | Cla  | im Date  |                |          |                           | Cla        | Claim Dat |          |              |  |                  |           |          |          |               | 7        | С        | Claim           |          |          |          |          | Date     |  |          |          |          |          |               |           |        |          |           |          |   |
| -     | <u>.                                    </u> | _        | 3              | 2        |                           |            |           | Ī        |              | 1  | T                | ╗         | _        |          |               | Т        | Т        | Π               |          |          | П        | T        | 7        |  |          |          |          |          | Τ             | Т         |        |          | $\top$    | П        |   |
|       | Final  | rigina   | 124            | 2/1/04   |                           |            |           |          |              |  |                  |           | Final    | Original |               |          |          |                 |          |          |          | ŀ        |          | Final                                      | Original |          |          |          |               |           |        |          |           | ١        |   |
| }     | 4  | <u> </u> | 17             | داع      |                           |            |           |          | $\dashv$     |  |                  | $\dashv$  | <u>"</u> | 51       |               | +        | ╁╌       | $\vdash$        |          | -+       | -        | $\dashv$ | $\dashv$ | <u>                                   </u> | 101      | +        | +        | +        | +             | 十         | +      | +        | +         | 十        |   |
| ŀ     | -  |          | ~              | 7        |                           | Н          | Н         |          |              | -  | +                | $\dashv$  | $\vdash$ | 52       | ╬             | +        | ┼        | H               | -+       | $\dashv$ | -+       | $\dashv$ | $\dashv$ | $\vdash$                                   | 102      | +        | +-       | +        | +             | +         | Ť      | +        | +         | +        | _ |
| -     |  | 2        | +              | 1        |                           | Н          | $\dashv$  |          | $\dashv$     | -  |                  |           | $\vdash$ | 53       | +             | +        | +-       | $\vdash$        | $\dashv$ | -        | -        | +        | $\dashv$ | $\vdash$                                   | 103      | +        | ╁        | +        | +             | +         | ÷      | +        | 十         | -+       |   |
| L     | 4  | 3        | -              | Ш        | L                         | Н          |           |          | _            | 4  | _                | 4         | $\vdash$ |          | +             |          | ╀        | ┝               | $\dashv$ | ⊣        | -+       | +        | -        | -  | 104      | $\dashv$ | +        | ╫        | +             | +         | +-     | +        | +         | +        |   |
| 1     | $\dashv$                                     | 4        | ١,             | Ш        | $\vdash$                  | Н          | Н         | _        |              |  | 4                |           | <u> </u> | 54<br>55 | +             |          | +-       | ⊢               | +        | ᅪ        | $\dashv$ | +        | $\dashv$ | $\vdash$                                   | 105      | +        |          | +-       | ╁             | +         | ╁      | +        | +         | 十        |   |
| Ļ     | _  | 5        | V              | Ц,       | _                         |            | $\vdash$  |          | $\dashv$     | $\dashv$   |                  |           | -        | 56       | +             | ╁        | ╁┈       | -               |          | -+       | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$                                   | 106      | +        | +        | ┿        | +-            | ╁         | +      | +        | +         | $\dashv$ |   |
| Į.    |  | •        |                | V        | $\vdash$                  | Н          |           | _        |              | 1  | +                |           | $\vdash$ | 57       | +             |          | ╁        | ┝┪              | $\dashv$ | $\dashv$ | -+       | +        | $\dashv$ | -  | 107      | ╅        | ╁        | +        | +             | +         | +      | +        | +         | +        | _ |
| ļ     |  | ļ        | _              | -        | L                         | -          |           |          |              | $\dashv$   | _                |           | $\vdash$ | 58       | +             | +        | $\vdash$ |                 | $\dashv$ | $\dashv$ | +        | +        | -        | $\vdash$                                   | 108      |          | +        | +        | ╅             | 十         | +      | +        | +         | +        | — |
| - }-  | -  | 8        | L              | -        |                           |            | $\square$ |          | $\dashv$     |  | +                | _         | $\vdash$ | 59       | +-            | ╁        | ┼-       | $\vdash \vdash$ | $\dashv$ | -+       | $\dashv$ | $\dashv$ | -        | -  | 109      | -+       | +        | +-       | ╁             | +         | ╁      | +        | +         | -+       |   |
|       | 4  | 9        |                | -        | <u> </u> _                |            | Н         |          | -            |  | +                | -         | -        | 60       | - -           | +        | ┼─       | Н               | -+       | $\dashv$ |          | +        | 1        |  | 110      | +        | ╅        | +        | +             |           | ╁      | -+-      | +         | 十        |   |
| 1     | _  | 10       | <u> </u>       | $\vdash$ | _                         | -          | -         | $\dashv$ |              |  | $\dashv$         | $\dashv$  | $\vdash$ | 61       | +             | - -      | $\vdash$ | -               | $\dashv$ | ╁        | +        | $\dashv$ | $\dashv$ | -  | 111      | -+-      | +.       | +        | +             | ╁         | 十      | 1        | +         | +        |   |
| - 1   |  | 3.       | <u> </u>       | ⊢        | ļ                         | $\vdash$   | Н         |          | H            | -  |                  | ┦         |          | 62       | - -           | +        | +-       | $\vdash$        | $\dashv$ | -        | ┰        | -+       | $\dashv$ |  | 112      | +        | +        | +        | ╅             | 十         | ╅      | +        | +         | +        |   |
| į     | 4  | 12       | -              |          | <del> </del>              | -          | Н         | Н        |              |  | +                | $\dashv$  | $\vdash$ | 63       | +             | +-       | 1        | H               |          | $\dashv$ |          | +        | ┨        | -  | 113      | +        |          | +        | +             | +         | +      | ┪        | +         | +        | _ |
| -     |  | 13       | Ļ              | <u> </u> | <u> </u> -                | H          | $\vdash$  |          | $\vdash$     | $\dashv$   | -                | -         | $\vdash$ | 64       | +             | ╁        | ╆        | $\vdash$        | $\dashv$ | $\dashv$ |          | $\dashv$ | $\dashv$ | $\vdash$                                   | 114      |          | +        | +        | +             | +         | +      | +        | +         | 十        |   |
| .:: - | -1   | 14       | -              | -        | <u> </u>                  | H          | _         | Н        |              |  | +                | $\dashv$  | -        | 65       |               | +        | +-       | H               | -+       | $\dashv$ | $\dashv$ | -        | $\dashv$ | -  | 115      | $\dashv$ | ╁        | +        | +             | +         |        | +        | +         | +        | _ |
| - 1   |  | 15       |                | 1        | ⊢                         | -          | Н         | H        |              | $\dashv$   | $\dashv$         |           | -        | 66       | +             |          | $\vdash$ | Н               |          | $\dashv$ | -+       | $\dashv$ | $\dashv$ | $\vdash$                                   | 116      | -+-      | ╅        | +        | ╁             | +         | +      | +        | +         | 十        |   |
| L     |  | 16       | <u> </u>       | <u> </u> | ├-                        | H          | $\vdash$  | <u> </u> | $\vdash$     | $\vdash$   | -+               | -         | $\vdash$ | 67       | +             | ╫        | ╀        | $\vdash$        | $\dashv$ | +        | $\dashv$ | +        | -        | $\vdash$                                   | 117      | $\dashv$ | ╁        | ╅        | ╁             | +         | ╁      | +        | +         | +        | _ |
| -     |  | 17       | L              | ┡        |                           | <u> </u>   | $\vdash$  |          | $\vdash$     | H  | -+               | $\dashv$  | $\vdash$ | 68       | -             | +        | +-       | Н               |          | -        | $\dashv$ | -+       | -        | ┢  | 118      | +        | +        | +        | +             | +         | +      | ╅        | 十         | +        |   |
| -     | _  | 18       | ⊢              | ┝        | ⊢                         |            | H         | -        | Н            | Н  | -                | -         | -        | 69       |               | +        | ╁        | $\vdash$        | $\dashv$ | -        |          | $\dashv$ | $\dashv$ | H  | 119      | +        | +        | ╅        | +             | ╁         | +      | -+       | 十         | +        | _ |
| .     |  | 19       | L              | ┝        | <del> </del> —            |            | _         | -        | H            | Н  |                  | _         | $\vdash$ | 70       | +             | +        | ╄        | ┝┈              | $\dashv$ | $\dashv$ | -        | +        |          | $\vdash$                                   | 120      | $\dashv$ | +        | +        | +             | +         | +      | -+       | +         | $\dashv$ | _ |
| 1     | _  | 20       | L              | <u> </u> | $ldsymbol{ldsymbol{eta}}$ | _          | 1_        |          |              |  | $\dashv$         | _         | -        |          | -             | +        | ┼-       | Н               |          |          | $\dashv$ | -        | -        |  | 121      | -+       | +        | - -      | +-            | +         | +      | +        | +         | +        |   |
| ļ.    |  | 21       | <u> </u>       | <b>!</b> | ┡                         | ļ          | _         | L        | <u> </u>     | _  | 4                | -         | -        | 71       | -             | +        | +-       | Н               |          |          | +        | -+       | -        | -  | 122      | -        | +        | - -      | +             | +-        | +      | +        | +         | +        |   |
| ļ     |  | 22       | <b>!</b> —     | ╙        | <b>!</b>                  | Ļ          | ╙         |          | <u> </u>     | L  |                  | 4         | -        | 72<br>73 | +             | +        | ╀        | -               |          | $\dashv$ | $\dashv$ | +        | $\dashv$ | $\vdash$                                   | 123      |          | +        | +        | +             | +         | +      | +        | -         | $\dashv$ |   |
|       |  | 23       | 닏              | _        |                           | <b>↓</b> _ | <u> </u>  | L        |              |  | $\dashv$         | -         | $\vdash$ | 74       |               | -        | +        | H               | $\vdash$ |          |          | -+       | -1       | $\vdash$                                   | 124      | +        | +        | +        | +             | +         | +      | +        | +         | +        |   |
| -     |  | 24       | ┡              | ├-       | <u> </u>                  | ⊢          | -         | <u> </u> |              | <u> </u>   | $\dashv$         | 4         | -        | 75       | +-            |          | +        | $\vdash$        | $\vdash$ | $\dashv$ |          | ╌        | $\dashv$ | -  | 125      | +        | $\dashv$ | +        | ╅             | +         | +      | +        | +         | +        |   |
| -     | _  | 25       | ⊢              | ļ.,      | ┞                         | ┞          | -         | <u> </u> | $\vdash$     |  | $\vdash$         | _         | <u> </u> | 76       | +             | +        | +-       | -               | $\dashv$ |          | -        | $\dashv$ | $\dashv$ | ⊢  | 126      | $\dashv$ | -+       | +        | +             | +         | -      | +        | +         | $^+$     | _ |
| -     |  | 26       | ⊢              | <b>├</b> | ⊢                         | $\vdash$   | ┢         | ┢        | -            | -  | $\vdash$         | $\dashv$  | -        | 77       |               | +        | ┿        | $\vdash$        | $\vdash$ |          | -        | -+       | -        | -  | 127      | -+       |          | +        | ╁             | +         | +      | +        | +         | $\dashv$ |   |
| -     | _  | 27       | <u> </u>       | ₩        | <b>├</b>                  | ⊢          | -         | -        | <u> </u>     | <del> </del>                                     | -                | $\dashv$  | $\vdash$ | 78       | +             | ╬        | +        | +               | $\vdash$ |          | $\dashv$ | -        | $\dashv$ | -  | 128      | -+       | -+       | +        | ╅             | 十         | +      | +        | +         | $\dashv$ |   |
| -     |  | 28<br>29 | <del> </del>   | ├        | ⊢                         | ⊢          | ╁         | ⊢        | -            |  | $\dashv$         | $\dashv$  | $\vdash$ | 79       | ┰             | +        | +-       | ╁               |          | $\dashv$ | $\dashv$ |          | -        | -  | 129      | $\dashv$ | +        | 1        | _             | 十         | +      | _        | $\dashv$  | 一        | _ |
| -     | _  |          | <del> </del> — | H        | ├                         |            | ┝         | -        |              | $\vdash$   | -                |           | $\vdash$ | 80       | $\dashv$      | +        | ╁        | ╁               |          |          |          | $\dashv$ | $\dashv$ | F  | 130      | -+       | $\dashv$ | $\top$   | +             | 十         | 十      | $\dashv$ | _         | $\dashv$ |   |
| -     |  | 30<br>31 | $\vdash$       | $\vdash$ | <del> </del> −            | ┼          | $\vdash$  | ├        | ⊢            | -  | $\vdash$         | -         | $\vdash$ | 81       | +             |          | ╫        | ╁╴              | $\vdash$ | -        |          | +        | $\dashv$ | -  | 131      | 十        | +        | +        | +             | +         |        | 十        | 7         | $\top$   | _ |
| ŀ     | _  | 32       | ╁              | ╀╌       | $\vdash$                  | ╁╌         | ╁         | ┢        |              | ⊢  | $\vdash$         | $\dashv$  | $\vdash$ | 82       |               | +        | +-       | +-              |          |          |          | $\dashv$ | -        | <u> </u>                                   | 132      | 十        | 7        | +        | _             | 十         | $\top$ | 7        | ヿ         |          |   |
| }     | _  | 33       |                | -        | ╁                         | +          | +         | ╁        | $\vdash$     | $\vdash$   | $\vdash$         | $\dashv$  | -        | 83       | +             | +        | +        | +-              | $\vdash$ |          | -        | -+       | $\dashv$ | +  | 133      | _        | 十        | $\dashv$ |               | $\dagger$ | 十      | $\neg$   | 十         | 7        | _ |
| }     | _  | 34       |                | $\vdash$ | ╁                         | $\vdash$   | +         | 1        | -            | -  | $\vdash$         | $\dashv$  | $\vdash$ | 84       | 十             | +        | +-       | +               |          | $\dashv$ |          | $\vdash$ | $\dashv$ |  | 134      |          | $\dashv$ | +        | $\top$        | +         | $\top$ | $\dashv$ | $\exists$ | 7        | _ |
| ł     |  | 35       |                | H        | $\vdash$                  | +          | $\vdash$  | 1        | +-           | $t^-$  | H                | $\dashv$  | $\vdash$ | 85       | +             | +        | ╁        | †               |          | Н        |          | $\vdash$ | $\dashv$ |  | 135      | $\Box$   | _        | $\top$   | _             | T         |        |          |           | $\Box$   |   |
| }     |  | 36       |                | +        | +                         | +          | +         | +-       | 1            | 1  |                  | $\dashv$  | <b>—</b> | 86       | +             | ┰        | +-       | 1               | П        |          |          | $\vdash$ | ヿ        |  | 136      | $\Box$   | _        | 7        | $\neg \vdash$ | T         | $\neg$ |          | $\Box$    | I        | _ |
| ŀ     |  | 37       |                | +        | ┿                         | +-         | $\vdash$  | 1        | 1-           | $\vdash$   |                  | $\dashv$  |          | 87       | $\top$        | -        | $\top$   | T               |          |          |          | П        | 7        |  | 137      |          | $\neg$   | T        | $\top$        | $\top$    | $\neg$ | Т        |           | $\Box$   |   |
| ł     | _  | 38       |                | ╁        | +                         | 1          | $\vdash$  | ┢        | 1            | <del>                                     </del> | Н                | $\dashv$  |          | 88       | $\top$        | $\top$   | $\top$   | $\top$          |          |          | П        |          | $\neg$   |  | 138      |          |          | 7        |               | $\perp$   |        |          |           |          |   |
| ŀ     | _  | 39       |                | †        | +                         | $\dagger$  | ┼┈        | 1        | ┢            | $\vdash$   |                  | $\dashv$  |          | 89       | 7             |          | $\top$   | 1               |          |          |          | П        |          |  | 139      |          |          |          |               | $\perp$   |        |          |           |          | L |
| ł     | $\vdash$                                     | 40       |                | $\vdash$ | t                         | †-         | T         | $\vdash$ | T            | T  | П                | $\dashv$  |          | 90       |               | 1        |          | 1               |          |          |          | $\Box$   |          |  | 140      |          | T        | T        |               |           | T      |          |           |          | L |
|       | $\vdash$                                     | 41       | -              | $\vdash$ | +                         | $\vdash$   | 1         | $\vdash$ | $^{\dagger}$ | T  | Н                | $\dashv$  |          | 91       | 十             | _        | 1        | $\top$          |          |          |          | П        |          |  | 141      |          |          |          |               | T         |        | T        | T         |          | Ĺ |
| }     | $\vdash$                                     | 42       |                |          | ╁                         | +-         | +         | +        | -            | +  | H                | $\dashv$  | $\vdash$ | 92       | $\dashv$      | $\dashv$ | 1        | $\top$          | 1        |          |          |          | $\dashv$ |  | 142      |          | $\dashv$ | 1        |               | $\top$    | $\top$ | _        |           |          |   |
|       | $\vdash$                                     | 43       |                | ╁        | +                         | +          | +-        | +        | 1            | t  | $\dagger \dashv$ | $\dashv$  |          | 93       | 十             | $\dashv$ | $\top$   | 1               |          | Г        | Г        | $\Box$   | $\dashv$ | r  | 143      |          | 7        | 7        |               | T         |        |          |           |          | Ĺ |
| -     | -  | 44       | -              | +        | +                         | 1-         | $\dagger$ | t        | +            | †  | $\Box$           | $\dashv$  |          | 94       | $\dashv$      | 十        | 1        | 丅               | -        | Г        |          |          | 7        |  | 144      |          |          | 1        | T             | T         | T      | J        |           | Ī        |   |
|       | $\vdash$                                     | 45       |                | +        | +                         | +          | +         | †-       | $\vdash$     | †  | $\vdash$         | $\dashv$  |          | 95       | $\dashv$      | $\top$   | +        | 1-              |          | 1        | Τ        |          | $\dashv$ | F  | 145      |          | _1       |          |               |           |        |          | $\Box$    |          |   |
|       | $\vdash$                                     | 65       |                | T        | +                         | $\dagger$  | T         | T        | †            | 1  | П                | $\exists$ |          | 96       | $\top$        | $\top$   | $\top$   | 1               | 1        |          |          |          |          |  | 146      |          |          |          |               | Ι         | $\Box$ | $\Box$   |           |          | _ |
|       | _  | 47       | -              | +        | T                         | T          | 1         | $\top$   | T            | T  | П                | $\dashv$  |          | 97       | $\neg \vdash$ | $\dashv$ | 1        | $\top$          |          |          | Γ        | П        |          |  | 147      |          | $\top$   |          | $oxed{\int}$  | $\int$    |        |          |           |          | L |
|       | $\vdash$                                     | 48       | _              | T        | t                         | +          | T         | T        | T            | 1  | П                | $\dashv$  |          | 98       | $\dashv$      |          |          |                 |          |          |          |          |          |  | 148      |          | $\Box$   |          |               | $\perp$   | 耳      | $\perp$  |           | _        | _ |
|       | Γ.   | 49       |                | T        | T                         | 1          |           | 1        |              |  | П                |           |          | 99       |               |          | $\perp$  | Γ               |          | $\Box$   |          |          |          |  | 149      |          | $\bot$   | $\Box$   | _ _           | 1         | _      | _        | _         |          | _ |
|       |  | 50       |                |          |                           |            | L         |          |              |  |                  |           |          | 100      | $\Box$        |          | Ш.       |                 | <u> </u> | <u>L</u> | l        | L        |          | L  | 150      |          |          |          |               |           |        |          |           |          | _ |

If more than 150 claims or 10 actions staple additional sheet here

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